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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/662,431	09/13/2000	Newton James Smith JR.	AUS9000386US1	9056
35617	7590	01/14/2005	EXAMINER	
DAFFER MCDANEIL LLP			PHAM, TUAN	
P.O. BOX 684908			ART UNIT	
AUSTIN, TX 78768			PAPER NUMBER	
			2643	

DATE MAILED: 01/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/662,431

Applicant(s)

SMITH ET AL.

Examiner

TUAN A PHAM

Art Unit

2643

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 October 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 3-8, 10-19, and 21-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 8/25/04.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

2. Claims 1, and 3-8, and 10-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shaffer et al. (U.S. Patent No. 6,373,940, hereinafter "Shaffer") in view of Sarkissian et al. (Pub. No.: US 2002/0001301, hereinafter, "Sarkissian").

Regarding claim 1, Shaffer teaches an electronic communication device (see figure 1, telephone 70) comprising:

a processor (i.e., processing unit) (see figure 1, telephone 70, col.3, ln.10-15),
and

a storage medium (see figure 1, speed dial memory 74) comprising program instruction executable by the processor for receiving an electronic notification of a change to a directory entry stored within the electronic communication device (see col.3, ln.10-24), wherein the electronic notification is associated with an altered value (i.e., telephone number or address)(see col.2, ln.19-24).

It should be noticed that Shaffer fails to clearly teach the electronic notification is associated with an identifier (i.e., set or subset) and a category (i.e., financial report or information reports, etc.), presenting the electronic notification to a user of the electronic communications devices, and automatically updating the directory entry to include the altered value upon receipt of an acceptance command generated by the user. However, Sarkissian teaches such features (see col.8, [0092-0094]) for a purpose of showing at the Shaffer's reference in col.2, ln.43-50.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the use of the electronic notification is associated with an identifier (i.e., set or subset) and a category (i.e., financial report or information reports, etc.), presenting the electronic notification to a user of the electronic communications devices, and automatically updating the directory entry to include the altered value upon receipt of an acceptance command generated by the user, as taught by Sarkissian, into view of Shaffer in order to not frustrate to copy down the error message correctly and see Shaffer's reference in col.2, ln.43-50 for motivation.

Regarding claim 3, Shaffer further teaches the electronic communications device wherein the altered value comprises a name, a telephone number, a mailing address or an email address (see col.3, ln.1-9).

Regarding claim 4, Shaffer further teaches the electronic communications device comprises a telephone (see figure 1, telephone 50, see col.2, ln.1-2).

Regarding claim 5, Shaffer further teaches the electronic communication device comprises a facsimile machine (see figure 2, fax 100).

Regarding claim 6, Shaffer further teaches the electronic communications device wherein the electronic communications device comprises a personal digital assistant. It is obvious to use PDA as electronic communication devices (see col.1, ln.10-15).

Regarding claim 7, Sarkissian further teaches the electronic communications device wherein the electronic communications device comprises: a storage medium comprising a data structure wherein the data structure comprises fields adapted for storage of entry content values and an entry identifier associated with each directory entry, and wherein the category heading is associated with the electronic notification corresponds to one or more headings of the fields (see col.8, [0094]).

Regarding claim 8, Shaffer further teaches the electronic communications device wherein the entry content values comprise a name, a telephone number, a mailing address or an email address (see col.3, ln.1-9).

Regarding claim 10, Sarkissian further teaches the electronic communications device wherein the directory management program further comprises program

instructions executable by the processor for presenting a permission prompt to the user of the electronic communications device (see col.8, [0093]).

Regarding claim 11, Sarkissian further teaches the electronic communications device wherein the presenting comprises displaying on an output mechanism of the electronic communications device (see col.8, [0093]).

Regarding claim 12, Shaffer further teaches the electronic communications device wherein the presenting comprises providing audible output (see col.3, ln.30-37).

Regarding claim 13, Sarkissian further teaches the electronic communications device wherein the directory management program further comprises program instructions executable by the processor for receiving a confirmation indicator to accept the received electronic notification (see col.8, [0093]).

Regarding claim 14, Sarkissian further teaches the electronic communications device wherein the directory management program further comprises program instructions executable by the processor for receiving a reject command to reject the received electronic notification (see col.8, [0093]).

Regarding claim 15, Shaffer further teaches the electronic communications device wherein the receiving comprises receiving a vocal input (see figure 1, telephone 50).

Regarding claim 16, Sarkissian further teaches the electronic communications device wherein the receiving comprises receiving a dual tone multi-frequency (DTMF) tone (see col.4, [0064]).

Regarding claim 17, Shaffer further teaches the electronic communications device wherein the directory management program comprises program instructions executable by the processor for comparing the entry identifier corresponding to the directory entry with the identifier of the electronic notification (see col.3, ln.1-24).

Regarding claim 18, Shaffer further teaches the electronic communications device wherein the directory management program comprises program instructions executable by the processor for comparing the headings of the fields corresponding to the data structure of the directory with the category heading of the electronic notification upon matching the entry identifier of the directory entry with the identifier of the electronic notification (see col.3, ln.1-24).

Regarding claim 19, Shaffer further teaches the electronic communications device wherein the directory management program comprises program instructions executable by the processor for replacing one or more entry content values corresponding to the directory entry with the altered value upon matching one or more headings of the fields with the category heading of the electronic notification (see col.3, ln.1-24).

3. Claims 21-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shaffer et al. (U.S. Patent No. 6,373,940, hereinafter "Shaffer").

Regarding claims 21-22, Shaffer teaches a method for updating of a directory entry within an electronic communications device upon receipt of an electronic notification, (see figure 1, col.2, ln.20-37) the method comprising:

receiving the electronic notification indicating that at least a portion of the directory entry has changed to an altered value (see figure 1, col.2, ln.20-50), and

updating one or more entry content values with the altered value, wherein the entry content values correspond to a field associated with the matching entry identifier and field heading of the directory entry (see col.2, ln.20-50, col.3, ln.10-37).

It should be noticed that Shaffer does not clearly shows the method of steps of updating the directory including searching and matching of directory before update. However, in order to update or replace the telephone number in the telephone directory the following step should be made. Firstly, the database will reads the old number in the directory associated with new number. Second, if the new number is matching with old number. Then, the directory will update with new number (see col.3, ln.10-22). Furthermore, the new telephone number associated with signaling message read on the electronic notification with a matching entry identifier associated with the directory entry.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the use of updating the directory including searching and matching of directory before update, as taught by Shaffer, in order to update a desired telephone number within a directory and the motivation will show in Shaffer 's reference in col.2, ln.38-50).

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. In order to expedite the prosecution of this application, the applicants are also requested to consider the following references. Although Furman et al. (U.S. Patent No. 6,018,568), Beith et al. (U.S. Patent No. 6,321,098), Hamada (U.S. Patent No. 5,732,132), and Sussman (U.S. Patent No. 5,483,586) are not applied into this Office Action; they are also called to Applicants attention. They may be used in future Office Action(s). These references are also concerned for supporting the system and method for updating telephone directory.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Tuan A. Pham** whose telephone number is (703) 305-4987. The examiner can normally be reached on Monday through Friday, 8:00 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Curtis Kuntz can be reached on (703) 305-4708 and

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Art Unit 2643
December 28, 2004
Examiner

Tuan Pham



CURTIS KUNTZ
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